

# Contemporary Communications

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FCC MAIL ROOM

July 27, 1998

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Ms. Magalie Roman Salas, Secretary  
FEDERAL COMMUNICATIONS COMMISSION  
Room 222  
1919 M Street, NW  
Washington, DC 20554

Re: Petition for Rule Making  
New FM - Channel 277A  
Rantoul, Illinois

Dear Ms. Salas:

Enclosed please find an original and five copies of a Petition for Rule Making, filed on behalf of L. TOPAZ ENTERPRISES, INC., requesting the allotment of FM Channel 277A to Rantoul, Illinois, as that community's third local FM service.

If this proposal is ultimately adopted, L. TOPAZ ENTERPRISES, INC., will promptly apply for authority to construct and operate a new station on the proposed channel.

An additional copy of the first page of the petition is enclosed. Please date-stamp and return to us in the enclosed postage-paid envelope.

If there are any questions, please advise.

Respectfully submitted,

CONTEMPORARY COMMUNICATIONS



Larry G. Fuss  
Consultant to L. TOPAZ ENTERPRISES, INC.

enclosures (as above)

No. of Copies rec'd 025  
DATE 7/29/98

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JUL 29 1998

Before the  
**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, D.C. 20554

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In the Matter of )  
 )  
Amendment of Section 73.202(b) ) MM Docket \_\_\_\_\_  
Table of Allotments, ) RM - \_\_\_\_\_  
FM Broadcast Stations )  
(Rantoul, Illinois) )

To: The Chief, Allocations Branch

**PETITION FOR RULE MAKING**

Comes now L. TOPAZ ENTERPRISES, INC., (hereafter "Petitioner"), pursuant to Section 1.401 of the Commission's Rules, and respectfully petitions the Commission to amend the FM Table of Allotments, 47 C.F.R. 73.202(b), to allocate FM Channel 277A to Rantoul, Illinois, as that community's third local FM service.

**Proposal of Petitioner:**

<u>City</u>	<u>Channel Numbers</u>	
	<u>Present</u>	<u>Proposed</u>
Rantoul, Illinois	237A, 241A	237A, 241A, 277A

In support of this proposal, the following information is herewith submitted for consideration:

Rantoul is an incorporated community located in Champaign County in east central Illinois, approximately 180 kilometers south of Chicago, Illinois. The city population is 17,212 and the county population is 173,025 <sup>1/</sup>. Adoption of this proposal will provide Rantoul with its third local FM broadcast service.

Attached hereto and made a part of this petition is a Technical Exhibit in support of the requested allotment. Based on the information contained therein, it appears that the requested channel could be allocated to Rantoul, in full compliance with the minimum distance separation requirements of Section 73.207(b) of the Commission's Rules, with the imposition of a site-restriction as specified in the Technical Exhibit.

If this proposal is adopted, Petitioner will promptly apply for authority to construct and operate a new FM broadcast station at Rantoul, Illinois. If a construction permit is granted, Petitioner will promptly construct and operate the proposed station.

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<sup>1/</sup> Population figures from the 1990 U.S. Census.

In accordance with Section 1.52 of the Commission's Rules and Regulations, I hereby certify that I have examined the foregoing Petition for Rule Making and the attached Technical Exhibit and that both are true and correct to the best of my knowledge and belief.

WHEREFORE, it is respectfully requested that the instant petition be granted and that the FM Table of Allotments, Section 73.202(b), be amended as requested herein.

Respectfully submitted,

L. TOPAZ ENTERPRISES, INC.



Dale A. Ganske, President  
5546-3 Century Avenue  
Middleton, WI 53562  
(608) 831-8708

by:

CONTEMPORARY COMMUNICATIONS



Larry G. Fuss, President  
P.O. Box 1787  
Cleveland, MS 38732  
(601) 846-1787  
(601) 843-0494 (Fax)

July 27, 1998

# **Contemporary Communications**

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P.O. BOX 1787 □ CLEVELAND, MS 38732**

## **TECHNICAL EXHIBIT**

**IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM - CHANNEL 277A  
RANTOUL, ILLINOIS**

**L. TOPAZ ENTERPRISES, INC.**

**Prepared July 22, 1998**

### **CONTEMPORARY COMMUNICATIONS**

**Broadcast Consultants  
Post Office Box 1787  
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Fax: (601) 843-0494  
e-mail: lfuss@deltaradio.net**

# **Contemporary Communications**

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## **TECHNICAL EXHIBIT**

**IN SUPPORT OF  
PETITION FOR RULE MAKING  
NEW FM - CHANNEL 277A  
RANTOUL, ILLINOIS**

**L. TOPAZ ENTERPRISES, INC.**

## **INTRODUCTION**

This Technical Exhibit supports the petition of L. TOPAZ ENTERPRISES, INC., seeking to amend the FM Table of Allotments, Section 73.202(b) of the Rules, by allocating FM Channel 277A to Rantoul, Illinois, as that community's third local FM channel.

## **ALLOCATION**

A study was performed using the computerized **SEARCHFM** frequency search program and the current FCC/NTIS database to determine if Channel 277A could be allocated in compliance with the minimum distance separation requirements of Section 73.207(b) of the Commission's Rules. The study included all applicable co-channel, adjacent-channel and IF separations. The results of that study indicate that Channel 277A may be allocated to Rantoul in full compliance with Section 73.207(b), provided a site-restriction approximately 9.8 kilometers west of the community were imposed.

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The "area-to-locate" for Channel 277A is indicated on Exhibit A, attached hereto. The exhibit depicts the required separation arcs from all pertinent co-channel and adjacent channel stations and allocations. As indicated, there is ample area in the vicinity of Rantoul in which to locate a transmitter site. Assuming maximum Class A facilities (6 kw @ 100 meters above average terrain), a transmitter site at any location within the "area-to-locate" would enable the proposed station to provide adequate city-grade (70 dBu) coverage to the entire city, in full compliance with Section 73.315(a) and (b).

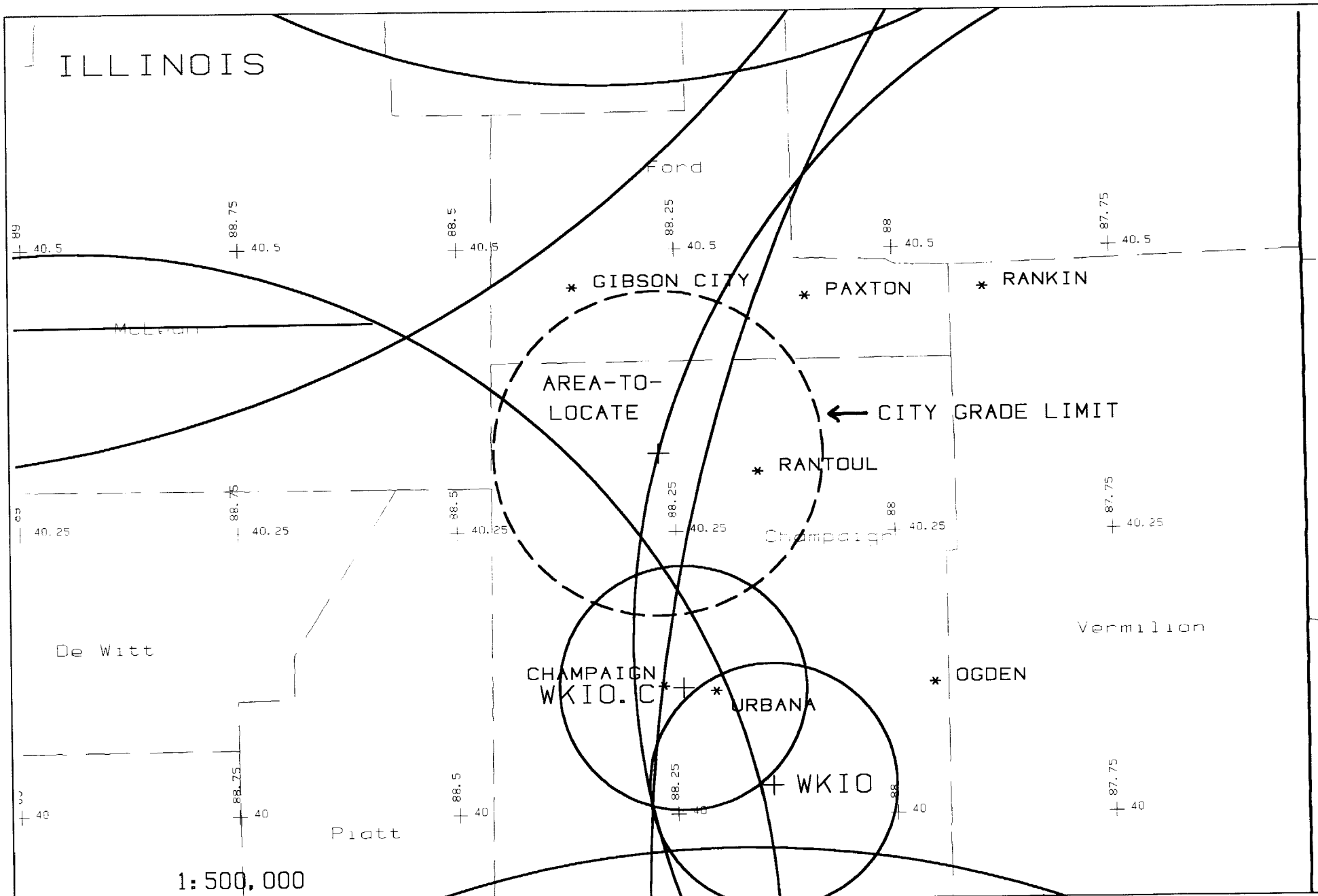
## **CONCLUSION**

The proposed change in the table of allotments will not create a short-spacing to any existing station, pending application or vacant allotment, and will not require the reallocation of any station, pending application or vacant allotment.

A copy of the separation study for Channel 277A is attached hereto as Exhibit B and made a part of this report (only those stations and channels sufficiently close for concern are noted therein).

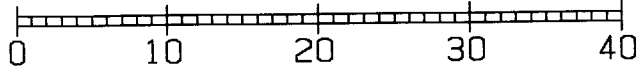
###

ILLINOIS



1:500,000

Scale in km



AREA-TO-LOCATE - CHANNEL 277A  
N. Lat. 40 19 10 W. Lng. 88 16 10

EXHIBIT A  
RANTOUL, ILLINOIS



CONTEMPORARY COMMUNICATIONS  
BROADCAST CONSULTANTS

EXHIBIT B

NEW FM DROP-IN SEARCH  
RANTOUL ILLINOIS

REFERENCE

40 19 10 N

88 16 10 W

CLASS = A

Current Spacings

DISPLAY DATES

DATA 07-15-98

SEARCH 07-22-98

----- Channel 277 - 103.3 MHz -----

Call	Channel	Location	Dist	Azi	FCC	Margin
N. Lat.	W. Lng.	Power	HAAT			
WKZS	LI 276A	Covington	IN 72.00	105.3	72.0	0.00
40 08 46	87 27 15	CN 3.000 kW	91 M			
		Benton-Weatherford Broadcasti	BLH820610AN	980623		
WRZX	LI 277B	Indianapolis	IN 182.53	104.3	178.0	4.53
39 53 43	86 12 04	CN 18.000 kW	259 M			
		Secret Communications Limited	BLH811015AN	961003		
WSOYFM	LI 275B	Decatur	IL 75.44	229.6	69.0	6.44
39 52 40	88 56 30	HN 54.000 kW	137 M			
		WSOY Decatur, Inc.	BLH6605	970903		
WKIO.C	CPM 223B1	Urbana	IL 23.21	174.4	12.0	11.21
40 06 41	88 14 34	CN 0.780 kW	80 M			
		Tak Communications, L.L.C.	BMPH971027IF	980227		
WKIO	LI 223B1	Urbana	IL 34.50	161.6	12.0	22.50
40 01 29	88 08 28	CN 11.500 kW	148 M			
		Tak Communications, Inc., Deb	BLH960724KE	970619		
WAIV	LI 277A	Spring Valley	IL 137.70	325.2	115.0	22.70
41 19 59	89 12 35	CN 2.500 kW	36 M			
		Illinois Valley Radio	BLH931223KC	940524		
WYXX	LI 276A	Morris	IL 108.26	357.1	72.0	36.26
41 17 35	88 20 04	CN 3.000 kW	100 M			
		Odyssey-Chi, LLC	BLH930827KA	980202		
WIKK	LI 278B1	Newton	IL 135.03	176.5	96.0	39.03
39 06 20	88 10 21	CN 25.000 kW	100 M			
		S. Kent Lankford	BLH920512KC	961022		

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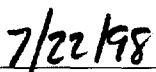
## CERTIFICATION

State of Mississippi                    )  
  ) ss.  
County of Bolivar                    )

I, Larry G. Fuss, do hereby certify as follows:

- 1) I am a qualified and experienced broadcast consultant. I have been actively involved in the broadcast industry since 1972 and currently hold a lifetime FCC General Class Radio Telephone License (License No. PG-8-8450).
- 2) I have prepared numerous applications and rule making petitions which have been accepted for filing with the Federal Communications Commission.
- 3) I have been retained by L. TOPAZ ENTERPRISES, INC., to prepare the attached Technical Exhibit.
- 4) The Technical Exhibit, of which this deposition is a part, and the measurements, calculations, studies and determinations upon which this report is based, were prepared by me or under my supervision and direction. All material contained therein is believed to be true and correct, to the best of my knowledge and belief.

  
\_\_\_\_\_  
Larry G. Fuss  
Affiant

  
\_\_\_\_\_  
Date